

Product Datasheet

Goat Anti-Rabbit IgG (H&L) Highly Cross-Adsorbed Antibody (AcalephFluor488) (orb2986974)

Catalog Number	orb2986974
Category	Antibodies
Description	The Goat Rabbit IgG (H&L) Highly Cross-Adsorbed - AcalephFluor488 Antibody is suitable for ELISA, FC, IF, IHC. It is a Polyclonal, AcalephFluor488 conjugated antibody which raised against Rabbit IgG. Purification: Goat Polyclonal Secondary Antibody to Rabbit IgG (H&L) have been cross-adsorbed against IgG from bovine, goat, guinea pig, hamster, horse, mouse, rat, and human. Cross-adsorption or pre-adsorption is a purification step to increase specificity of the antibody resulting in less background staining and cross-reactivity. The secondary antibody solution is passed through a column matrix containing immobilized serum proteins from potentially cross-reactive species. Only the nonspecific-binding secondary antibodies are captured in the column, and the highly specific secondaries flow through. Further passages through additional columns result in highly cross-adsorbed preparations of secondary antibody. The benefits of these extra steps are apparent in multiplexing/multicolor-staining experiments where there is potential cross-reactivity with other primary antibodies or in tissue/cell fluorescent staining experiments where there may be the presence of endogenous immunoglobulins.
Clonality	Polyclonal
Species/Host	Goat
Conjugation	AcalephFluor488
Reactivity	Rabbit
Form/Appearance	Liquid
Buffer/Preservatives	0.01M Phosphate Buffered Saline, pH 7.2, containing 1% rAlbumin, 50% glycerol, 0.02% Sodium Azide

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Purification	Goat Polyclonal Secondary Antibody to Rabbit IgG (H&L) have been cross-adsorbed against IgG from bovine, goat, guinea pig, hamster, horse, mouse, rat, and human. Cross-adsorption or pre-adsorption is a purification step to increase specificity of the antibody resulting in less background staining and cross-reactivity. The secondary antibody solution is passed through a column matrix containing immobilized serum proteins from potentially cross-reactive species. Only the nonspecific-binding secondary antibodies are captured in the column, and the highly specific secondaries flow through. Further passages through additional columns result in highly cross-adsorbed preparations of secondary antibody. The benefits of these extra steps are apparent in multiplexing/multicolor-staining experiments where there is potential cross-reactivity with other primary antibodies or in tissue/cell fluorescent staining experiments where there may be the presence of endogenous immunoglobulins.
Immunogen	Rabbit IgG
Tested applications	ELISA, FC, IF, IHC
Dilution range	IH (1/100 - 1/1000), IF (1/100 - 1/1000), FC (1/1000 - 1/4000), E (Use at an assay dependent concentration)
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with Rabbit IgG. No antibody was detected against non immunoglobulin serum proteins.
Antibody Type	Secondary Antibody
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

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